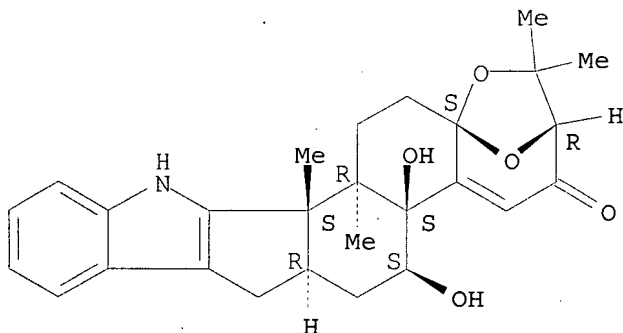


CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,  
2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b,6-dihydroxy-2,2,13b,13c-  
tetramethyl-, [3R-(3α,5bα,6α,7aβ,13bα,13c.β

a.,15a $\alpha$ )]- (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 14 $\alpha$ -Hydroxypaspalinine  
 FS STEREOSEARCH  
 MF C27 H31 N O5  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

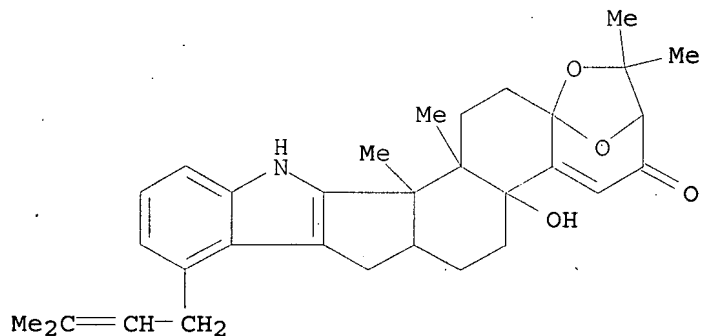
Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

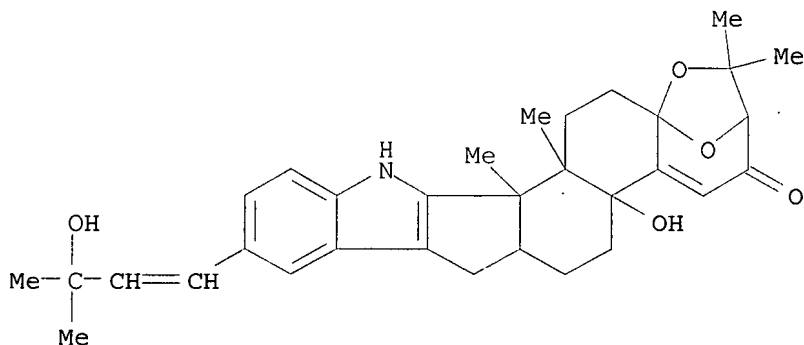
L1 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2007 ACS on STN  
 RN 90866-61-8 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,  
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-  
 tetramethyl-9-(3-methyl-2-butenyl)-, (3R,5bS,7aS,13bS,13cR,15aS)- (9CI)  
 (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,  
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-  
 tetramethyl-9-(3-methyl-2-butenyl)-, [3R-(3 $\alpha$ ,5b $\alpha$ ,7a $\beta$ ,13b.  
 alpha.,13c $\beta$ ,15a $\alpha$ )]-  
 OTHER NAMES:  
 CN 4-(3-Methyl-2-butenyl)paspalinine  
 CN Paspalitrem C  
 MF C32 H39 N O4  
 LC STN Files: AGRICOLA, BIOSIS, CA, CAPLUS, NAPRALERT, TOXCENTER, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

7 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2007 ACS on STN  
 RN 63764-58-9 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,  
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-10-[(1E)-3-hydroxy-3-methyl-1-butenyl]-2,2,13b,13c-tetramethyl-, (3R,5bS,7aS,13bS,13cR,15aS)-(9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,  
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-10-(3-hydroxy-3-methyl-1-butenyl)-2,2,13b,13c-tetramethyl-, [3R-[3 $\alpha$ ,5b $\alpha$ ,7a $\beta$ ,10(E),13b $\alpha$ ,13c $\beta$ ,15a $\alpha$ ]]-  
 OTHER NAMES:  
 CN 19-(3-Hydroxy-3-methyl-1-butenyl)paspalinine  
 CN Paspalitrem B  
 MF C32 H39 N O5  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, NAPRALERT, TOXCENTER, USPATFULL  
 (\*File contains numerically searchable property data)

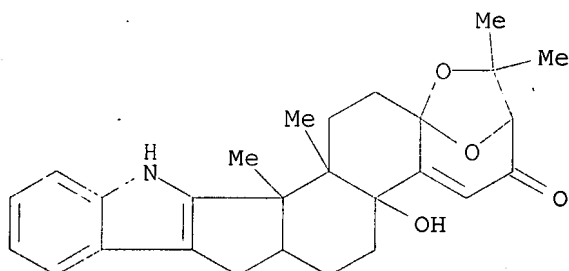


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

7 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2007 ACS on STN  
 RN 63722-91-8 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,  
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-tetramethyl-, (3R,5bS,7aS,13bS,13cR,15aS)-(9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,  
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-tetramethyl-, [3R-(3 $\alpha$ ,5b $\alpha$ ,7a $\beta$ ,13b $\alpha$ ,13c $\beta$ ,15a.al pha.)]]-  
 OTHER NAMES:  
 CN (+)-Paspalinine  
 CN 11-Hydroxypaspalicine

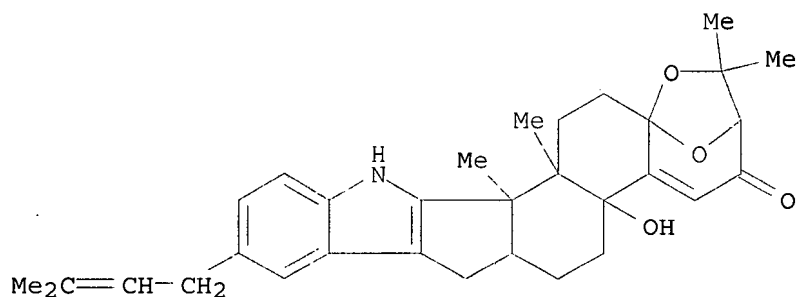
CN Paspalalinin  
 CN Paspalinine  
 MF C27 H31 N O4  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS, CA, CAPLUS, CASREACT,  
 CHEMINFORMRX, EMBASE, MEDLINE, NAPRALERT, TOXCENTER, USPATFULL  
 (\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

25 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 25 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2007 ACS on STN  
 RN 63722-90-7 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,  
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-  
 tetramethyl-10-(3-methyl-2-buten-1-yl)-, (3R,5bS,7aS,13bS,13cR,15aS)- (CA  
 INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,  
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-  
 tetramethyl-10-(3-methyl-2-butenyl)-, [3R-(3 $\alpha$ ,5b $\alpha$ ,7a $\beta$ ,13b  
 $\alpha$ ,13c $\beta$ ,15a $\alpha$ )]-  
 CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,  
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-  
 tetramethyl-10-(3-methyl-2-butenyl)-, (3R,5bS,7aS,13bS,13cR,15aS)- (9CI)  
 OTHER NAMES:  
 CN 19-(3-Methyl-2-butenyl)paspalinine  
 CN Paspalitrem A  
 MF C32 H39 N O4  
 LC STN Files: AGRICOLA, BEILSTEIN\*, BIOSIS, CA, CAPLUS, NAPRALERT,  
 TOXCENTER, USPATFULL  
 (\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

8 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

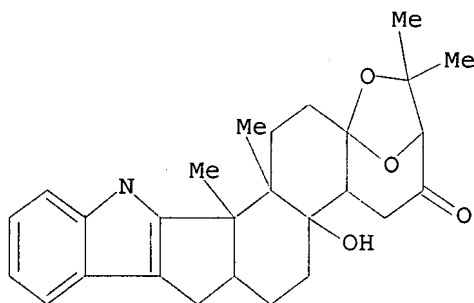
Uploading C:\Documents and Settings\pdickinson\My Documents\Paspalinine Revised.str

L2 STRUCTURE UPLOADED

=> d 12

L2 HAS NO ANSWERS

L2 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 12

SAMPLE SEARCH INITIATED 09:32:03 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 8 TO ITERATE

100.0% PROCESSED 8 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 8 TO 329

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L2

=> s 12 full

FULL SEARCH INITIATED 09:32:08 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 120 TO ITERATE

100.0% PROCESSED 120 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L4 0 SEA SSS FUL L2

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

194.15

194.57

FILE 'CAPLUS' ENTERED AT 09:32:38 ON 30 AUG 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 30 Aug 2007 VOL 147 ISS 10

FILE LAST UPDATED: 29 Aug 2007 (20070829/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l2

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 09:32:42 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 8 TO ITERATE

100.0% PROCESSED

8 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 8 TO 329

PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L2

L6 0 L5

=> file beilstein

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.47

195.96

FILE 'BEILSTEIN' ENTERED AT 09:33:11 ON 30 AUG 2007  
COPYRIGHT (c) 2007 Beilstein-Institut zur Foerderung der Chemischen Wissenschaften  
licensed to Beilstein GmbH and MDL Information Systems GmbH

FILE LAST UPDATED ON June 25, 2007

FILE COVERS 1771 TO 2007.

\*\*\* FILE CONTAINS 10,004,722 SUBSTANCES \*\*\*

>>>PLEASE NOTE: Reaction Data and substance data are stored in  
separate documents and can not be searched together in one query.  
Reaction data for BEILSTEIN compounds may be displayed  
immediately with the display codes PRE (preparations) and REA  
(reactions). A substance answer set retrieved after the search  
for a chemical name, a compounds with available reaction  
information by combining with PRE/FA, REA/FA or more generally  
with RX/FA. The BEILSTEIN Registry Number (BRN) is the link  
between a BEILSTEIN compound and belonging reactions. For mo  
detailed reaction searches BRNs can be searched as reaction  
partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

\*\*\*\*\*  
\* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST. \*  
\* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE \*  
\* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE \*  
\* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. \*  
\* FOR PRICE INFORMATION SEE HELP COST \*  
\*\*\*\*\*

NEW

\* PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE  
SEARCHED, SELECTED AND TRANSFERRED.  
\* NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES,  
ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A  
COMPOUND AT A GLANCE.

=> d his

(FILE 'HOME' ENTERED AT 09:23:55 ON 30 AUG 2007)

FILE 'REGISTRY' ENTERED AT 09:25:02 ON 30 AUG 2007  
E PASPALININE

L1 6 S E3  
L2 STRUCTURE UPLOADED  
L3 0 S L2  
L4 0 S L2 FULL

FILE 'CAPLUS' ENTERED AT 09:32:38 ON 30 AUG 2007  
S L2

FILE 'REGISTRY' ENTERED AT 09:32:41 ON 30 AUG 2007  
L5 0 S L2

FILE 'CAPLUS' ENTERED AT 09:32:42 ON 30 AUG 2007  
L6 0 S L5

FILE 'BEILSTEIN' ENTERED AT 09:33:11 ON 30 AUG 2007

=> s l2

SAMPLE SEARCH INITIATED 09:33:24 FILE 'BEILSTEIN'  
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED

2 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:	ONLINE	**COMPLETE**
	BATCH	**COMPLETE**
PROJECTED ITERATIONS:	2 TO	124
PROJECTED ANSWERS:	0 TO	0

L7                    0 SEA SSS SAM L2